

**REMARKS**

This paper is in response to the Final Office Action of February 22, 2005. The due date for response extends to May 22, 2005. Please note that this Amendment is being provided within the two month period extending from the data of the Final Office Action to April 22, 2005.

Claims 1-87 have been cancelled. Claims 88-109 have been added, and are fully supported by the originally filed application and drawings.

**Objection to the Specification Modified by the Amendment Filed on 8/24/2004 under 35 U.S.C. § 132:**

The objection to the specification modified by the Amendment filed on August 24, 2004 regarding added material is respectfully traversed, because the added material "At the user side, the user will use the user public key (User A) to decrypt the user private key (User B) and the console private key (Console B) to decrypt the console public key (Console A)." is fully supported by the originally filed specification and Figure 2B.

As shown in Figure 2B and the specification (P16, lines 5-15), three key pairs are created during the software access between a user and a server: a user key pair, a console key pair, and a title key pair. Each key pair includes a public key and a private key. An encryption created by a public key of a key pair will need to be decrypted by its matching private key of the same key pair, and vice versa.

As shown in Figure 2B, a console public key (Console A) and a console private key (Console B), defining a console key pair, are created at the user side after the user receives the user public key (User A) from the server. Upon receiving a title ID from the user, the server will forward a double encrypted (i.e., two layers) title private key (Title B) to the user. This title private key (Title B) is first encrypted with the console public key (Console A) and then encrypted with the user private key (User B) by the server. In order to decrypt the double encrypted title private key (Title B), the user has to decrypt the encryption created by the user private key (User B) with the matching user public key (User A), and then decrypt the encryption created by the console public key (Console A) with the matching console private key (Console B).

Accordingly, the Applicants respectfully request that the Examiner withdraw the objection of the specification modified, as Amended on August 24, 2004.

**Objections for Claims 22, 81, and 82:**

Because claims 22, 81, and 82 have been cancelled, the objection is rendered moot.

**Rejections for Claims 12-27 and 54-87 under 35 U.S.C. § 102(e) and 35 U.S.C. § 103:**

Since claims 1-87 have been cancelled, the rejections for claims 12-27, 54-79, and 81-86 under 35 U.S.C. § 102(e) and for claims 80 and 87 under 35 U.S.C. § 103 are rendered moot.

**Newly Added Claims 88-109:**

Of the newly added claims, claims 88, 94, 100, and 106 are independent claims. Each independent claim and its dependent claims are submitted to be patentable over the cited arts of Uranaka (US Pat. 6,470,085), Richards (US Paten Pub. 2002/0016922), and Richardson III (US Pat. 5,490,216). Claim 88 relates to a software product access method suitable for use at a user computer during a communication between the user computer and a server computer. Claim 94 relates to a software product access method suitable for use on a server computer during a communication between a user computer and the server computer. Claim 100 relates to computer program suitable for use on a user computer during a communication between a server computer and the user computer for enabling access to a software product, whereas claim 106 relates to computer program suitable for use on a server computer during a communication between the server computer and a user computer for enabling access to a software product.

The newly added independent claims 88, 94, 100, and 106 are supported by the application, and specifically Figures 2A and 2B and their respective descriptions. Therefore, no new matter is introduced. All four newly added independent claims include the feature of creating multiple public/private key pairs and the feature of forwarding or obtaining a software product associated title private key (Title B) that is double encrypted at the server computer by a console public key (Console A) and a user private key (User B). The user private key (User B) and the console public key (Console A) used for the double encryption

belonging to different key pairs. The use of the console public key (Console A) created at the user computer defines a first layer of encryption for the title private key (Title B), and the use of the user private key (User B) created at a server computer defines a second layer of encryption for the title private key (Title B). This language is fully supported by the original as-filed specification and drawings.

In contrast, Uranaka only teaches a method of one-layer encryption for key communication between a server and a user. In Uranaka's invention, the key sent by the server is only encrypted by one public key, the user public key (Pku). Richards teaches a method of securely distributing data on a network by using a single set of keys. However, Richards fails to address a distribution method for a key that has multi-layer encryption. Richardson III does not even disclose or suggest the creation of multiple public/private key pairs and the use of multi-layer encryption during the software registration process. Uranaka, Richards, and Richardson III fail to teach the feature of creating multiple public/private key pairs, and fail to address a method that transports a key between a user and a server with double encryption created by a set of private key and a public key belonging to different key pair and originating respectively from a server and a user.

A Notice of Allowance is therefore respectfully requested.

If the Examiner has any questions concerning the present amendment, the Examiner is kindly requested to contact the undersigned at (408) 749-6903. If any other fees are due in connection with filing this amendment, the Commissioner is also authorized to charge Deposit Account No. 50-0805 (Order No. SONYP007). A duplicate copy of the transmittal is enclosed for this purpose.

Respectfully submitted,  
MARTINE PENILLA & GENCARELLA, LLP

Albert S. Penilla, Esq.  
Reg. No. 39,487

710 Lakeway Drive, Suite 200  
Sunnyvale, CA 94085  
Telephone: (408) 749-6900  
Facsimile: (408) 749-6901  
Customer No. 25920